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STOP PRESS!

Taking the Next Steps

NZAEE biennial conference

20-23 January, 2010

Lindisfarne College, Hawke's Bay

Join us in sunny Hawke's Bay in January for the NZAEE 2010 biennial conference. The purpose of the conference will be to foster effective social responses to New Zealand's pursuit of sustainability – targeting audiences interested in encouraging behaviour changes that will help reduce human impacts on the planet.

A central feature of the conference will be facilitated sector group workshops (including early childhood, primary school, secondary school, government agencies and non governmental organisations) in which we will benchmark and record current practices, and set challenges for improved practice over the coming years.

NZAEE is seeking funding contributions for the conference. This is a chance to demonstrate your organisation's commitment to education, sustainability and moving NZ forward towards a more sustainable future. A comprehensive package outlining sponsorship options and benefits to your organisation can be downloaded from: [Sponsorship Opportunities v4.pdf](#).

A call for papers, poster presentations and workshops will be sent out in May. We'll be looking for initiatives that provide insight and skills to advance the quality of our practice.

For further information about the conference go to: www.nzaee.org.nz/events_news.htm

NZAEE membership fee increase

Many of you will remember that during 2008 the National Executive undertook a review of the Association's financial situation. The review found that the Association was 'just hanging in there' financially and that it needed to look at increasing membership fees, submitting funding applications, and seeking sponsorship in order for it to survive into the future. Since then a funding and sponsorship workstream has been set up, and new membership fees were proposed before the 2008 AGM. The membership fee increase proposal was circulated for comment from members, and a wide discussion was held with the branches to confirm an acceptable level of increase. A new 'stakeholders' category was also introduced, giving organisations the option of providing additional support and building a closer alignment with NZAEE and its work. An amended fee increase schedule was approved by all those present at the AGM. The fee increase will:

- Enable us to continue employing a national coordinator (one day a week)
- See the continuation of a minimum of four e-newsletters per year
- Provide discounts for members to attend NZAEE conferences
- Offer website acknowledgement (if permission given by member)
- Offer full access to the NZAEE website (new website will have members only areas)

- Enable more support for local branch activities
- Provide continuing support for EE/EfS

The new fees will take effect in July 2009 (the start of the 2009/2010 financial year).

Membership Type	2008/2009 membership fees	2009/2010 membership fees
Student or low wage	\$15	\$25
Individual	\$30	\$40
Schools & small not-for-profit (2 memberships)	\$35	\$50
Corporate; large not-for-profit; central, regional and local government; and small TLA's, (5 memberships)	\$150	\$200
Stakeholder membership (unlimited memberships)		\$500



Seaweek 2009
One Ocean – It Starts with Me- Kotahi Moana -
Ka timata mai i ahau

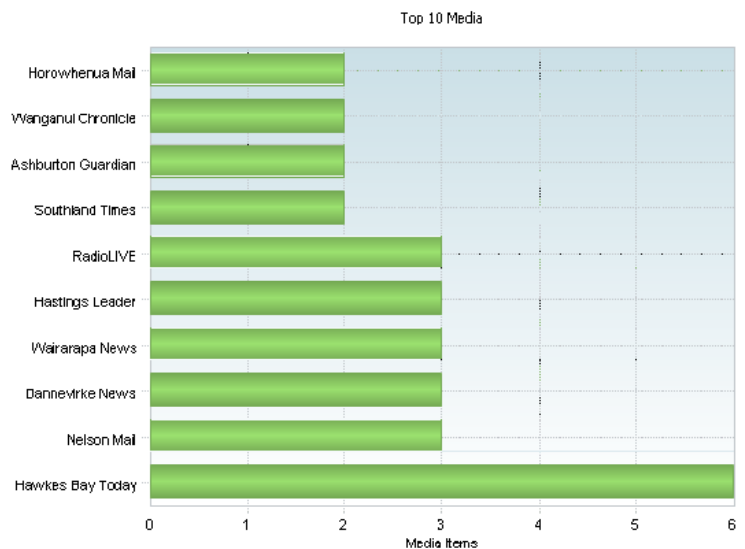
More than Meets the Eye

Seaweek is coordinated by NZAEE and this year was proudly sponsored by the ASB Community Trust, Department of Conservation, the Seafood Industry Council, Experiencing Marine Reserves, and NZ Geographic. The aim of Seaweek is to educate and engage New Zealanders in understanding, enjoying and caring for New Zealand's marine environment. Seaweek has become a time when New Zealanders not only celebrate the sea, but also get involved in activities that promote the health of our marine environment. It's a time for reinforcing positive behaviours at sea and on the land to help protect and sustain the marine environment.

Thousands of people across New Zealand were involved in Seaweek events during the first week of March - kicking off with an inspiring photographic exhibition "Eyes on Whangateau Harbour" held in Northland. It then filtered out across New Zealand, with dozens of organisations and groups engaging with local communities out in the marine environment. There was a lot of media attention this year, both at a local level (check out the table below from the Department of Conservation which shows local media activity) and at a national level (Seaweek got a key morning slot on TV3's Sunrise breakfast

show which based itself at the Auckland Zoo seal enclosure for the morning, and there was good coverage in the NZ Herald and Christchurch Press).

Planning has also begun for the longer-term, with a Seaweek 2010 - 2015 Strategy being developed, and significant energy being put into developing sponsorship agreements. Watch this space for more news about Seaweek 2010.



Education/Whakaakoranga

Environmental Monitoring and Action Project (EMAP)

The Environmental Monitoring and Action Project (EMAP) is a project encouraging schools to carry out environmental monitoring projects in their local region. EMAP schools can study their environment in a range of ways, from looking at water quality and soils to atmosphere (weather) studies. The aim of the

project is to provide a hands-on science experience to students in order to raise their awareness of environmental issues and encourage them to take action to protect their local environment. These experiences are not only fun, but a good way for students to learn about and to care for their local environment.

One of the marquee events is March Monitoring Month and Koura Kraze, a national waterways monitoring event, which runs from March until the end of April. Schools around the country are encouraged to participate in this annual competition.

Koura Kraze encourages schools to monitor their environment using koura (freshwater crayfish) to stimulate interest. An online database allows schools to report their findings and the presence or absence of koura. From these results a map is generated showing where koura are distributed around New Zealand. Since 2007 koura have been mapped this way so comparisons can begin to be made about findings on a year to year basis. This information can be found on their website www.emap.rsnz.org.

EMAP has facilitators around the country who support schools who want to participate in this event. This year, thanks to a BOC Gases grant, schools have been able to access equipment to support their monitoring activity. In addition, curriculum planners have been created to provide curriculum links and activity ideas to teachers.

Already we have been sent video clips, photos and online blogs of schools around the country getting involved.

Rebecca Goffin – EMAP National Coordinator,
Royal Society of New Zealand

Branch updates/Ngā Pānui a Rohe

Northland branch

Despite a decision at the last AGM to “wind down” a bit while attendance numbers are low, members were still keen to “do things” at our first informal get together in February. SO - we've decided to run a Green Drinks session (hosted by DOC) at the end of April with our new regional EnviroSchools co-ordinator, Teresa Rudgey, talking about – no secrets here - EnviroSchools! While it might all seem terribly obvious to EE/ESF-minded folks, it's also obvious there are a lot of people in Northland who know nothing about EnviroSchools, so time to enlighten them.

Thanks to the Northland Regional Council for taking the initiative to support Teresa (maybe our branch submission to the regional LTCCP last year helped after all ...) and to DOC Northland for putting some money in for the first time as well.

The Whitebait Connection programme (one of the programmes supported by the Mountains to Sea Conservation Trust) is also hosting a Northland freshwater information and education hui in April. This follows an earlier hui hosted by NZAEE Northland in 2007 and will pick up and develop some of its outcomes. Lack of information, knowledge and

understanding of the significance of freshwater resources is an important issue around the region, so the hui is a very welcome initiative. There has been a positive response to the invitations so far from many sectors – more to come in the next newsletter.

Sioux Campbell,
Branch chair.

Waikato Branch

Green Cafe

The Waikato branch of NZAEE recently hosted Hamilton's first Green Cafe. Part of the very successful Cafe Scientifique series run by the University of Waikato for the past few years, this Cafe addressed the issue of the Sustainability of the Waikato River. The Cafe concept brings an audience together in the ambience of a local cafe for an informal talk over a drink or dinner. One or more speakers talk briefly about a subject followed by an extended period of discussion and debate. The talks are pitched at a general level and aim to engage the public.

This Green Cafe featured three speakers who canvassed the three pillars of sustainability, cultural, environmental and socio-economic. Local kaumatua, Wiremu Puke, led off with stories of the cultural significance of the Waikato River, which set the scene for thinking of the history of the area. He also explained his project to replant kowhai on the river banks to recall past evidence of a springtime golden glow along the water's edge. Kevin Collier of Environment Waikato/University of Waikato then described the environmental status of the River, and explained how natural and human impacts on the waterway had created

changes in its flora and fauna. Finally, Alan Campbell of Environment Waikato discussed the socio-economic effects of people living near the river, with particular regard to sustainable agriculture. This is a key issue for our region.

The diverse audience of more than 50 people threw questions at our speakers that prompted further consideration of each of these perspectives and how they were interlinked.

The evening was deemed a success, and a second Green Cafe is scheduled for later in the year. We plan to again focus on an issue of local importance and present and discuss the environmental, social, cultural and economic perspectives. For information on how to run a Cafe event, email Chris Eames at c.eames@waikato.ac.nz.

Bay of Plenty Branch

Things are still ticking along in the Bay with groups in Tauranga, Rotorua and Eastern Bay having a go at different events to promote education for sustainability to the wider community. We've decided not to mail out a paper version of our REEF (Regional Environmental Education Officer) newsletter anymore and have switched to a bi-monthly e-newsletter in Tauranga. The Tauranga Environment Centre continues to do a great job in sending out their fortnightly "Environet" with similar events to 300+ people, so that keeps us all well-informed! We recently met up for "Brown Drinks" along the Strand which was low-key but a nice informal way of catching up with the local Tauranga members. We're considering making it a bi-monthly event. Many of the Rotorua REEF members are

regular attendees at their Green Drinks evenings, which have really taken off over there. They are now thinking of ways to encourage a wider variety of people to attend, particularly those who may not already consider themselves to be "Green" converts. Green Screenings continues to be popular in Whakatane and they have recently had their first Green Drinks session which was also very well attended. EastBay REAP has also started an e-newsletter with local events for their keen community members.

Andrea Mills
 Branch chair

Wellington Branch

Following a successful Healthy Water workshop in February the Wellington branch of NZAEE is continuing its series of workshops in Term 2 with a focus on vegetable gardens in schools and the wider community. The workshop will be held at Common Ground, a community garden based at the Home of Compassion in Island Bay with guest speaker Dave Treadwell, founder of ecoseeds and organic gardening guru. Sam Buchanan, member of Common Ground, will also show us the working of their community garden and the afternoon will be full of tips for those of you creating school gardens (or gardens in your own backyard!).

Date: Wednesday 13th of May
 Time: 4pm – 6pm
 Place: Meet at the Community Centre at the Home of Compassion, 2 Rhine Street (off Murray Street), Island Bay.

For more information please contact Jenny Lynch on 04 801 2766 or j.lynch@forestandbird.org.nz



Green Drinks in the Capital City

Green Drinks will be going 'blue' this month. Members and public are welcomed to come and mix with local marine gurus and learn about marine inhabitants, conservation projects in your area, and how you can get involved.

RSVP to Jenny Lynch on 04 801 2766 or at j.lynch@forestandbird.org.nz by May 1st (You can still come along if you don't RSVP but there won't be as many nibbles to eat!).

Check out Wellington Forest & Bird's online forum about our marine and coastal environments: www.forestandbird.org.nz/what-we-do/branches/wellington/blue-wellington

Christchurch Branch

Christchurch Branch is working on securing the sustainability of EcoNet, its weekly events diary and news links. EcoNet focuses on events in and around Canterbury related to sustainability and the environment (in the widest sense of the word), and news presented as hotlinks to items from local, national and global sources. EcoNet also lists current submissions across Canterbury related to sustainability and the environment, plus competitions and awards.

Currently the branch is using existing funds to pay a compiler/editor to do this work, but a number of volunteer hours also go into it each week. We are currently investigating future funding sources. The web link is www.environment.org.nz.

News in Brief/Ngā pitopito kōrero

NZAEE AGM 2009

NZAEE will be holding its annual general meeting in Auckland this year on the 12th of August. The venue is still to be confirmed, however, if you would like to attend the AGM please email Jamie Winiata at: admin@nzaee.org.nz.

Greenlist Directory



The Sustainable Business Network, in collaboration with green living site Ecobob.co.nz, bring you **Greenlist.co.nz** - the

world's first online directory of green products and services where listings are compared against basic principles of sustainability. Sponsors NZI and EECA are thrilled to be behind a website that aligns with their own sustainability efforts.

Users of the site have the opportunity to share their thoughts about the product or service by commenting on the listings. This results in a full 360-degree view of the listings and keeps suppliers honest: as claims are endorsed, refuted, questioned, or discussed.

Suppliers provide special offers when they list their products or services. They then rate themselves against six principles of sustainability:

CYCLIC - Comes from renewable materials, creates no waste, is compostable, repairable, reusable, or recyclable.

SOLAR - Has low embodied energy as it is made from, or runs on renewable energy e.g. solar, hydro, wind.

MEGA-EFFICIENT - Uses less resources; either through locally sourcing of materials, in its design and manufacture, packaging or distribution, includes kiwi made, long life products, & website sales.

SAFE - Safe to use and dispose of. Does not contain or generate hazardous materials or by-products for humans or nature, or enhances biodiversity.

SOCIAL - Cares for people & the environment. Made locally, or with fair trade practices with staff and community wellbeing in mind, and/or encourages sustainability behaviours.

CERTIFIED - Has a recognised third party, environmental or social management system or product label.

Check out this comprehensive website on: www.greenlist.co.nz

Conservation Week 2009

13 - 20 September 2009

Get Involved – Kia Mahia te Mahi

Conservation Week is coming and the theme for 2009 is 'Get Involved'!

DOC and TVNZ 6 are encouraging New Zealanders to take part in lots of different ways. From joining an organised group, to participating in a Conservation Week activity, doing something in your backyard or even engaging online, there's a way for everyone to 'Get Involved'.

Conservation Week gives DOC and TVNZ 6 the chance to acknowledge over 15,000 volunteers who work with DOC and community partner groups each year to help conservation work in New Zealand.

2009 is the second year DOC and TVNZ 6 are working together for Conservation Week and they're looking forward to helping lots of New Zealand families enjoy conservation together. Visit www.conservationweek.org.nz to 'Get Involved'.

Emma Hartley
Brand and Campaign Advisor
Department of Conservation

NZ International Science Festival online project

[NZ International Science Festival website](#)

The New Zealand International Science Festival and Department of Conservation are offering the Meet a Metre interactive online project to year 1-10 students throughout New Zealand.

Dates: This ten-week project takes place in term two from Monday 27 April - Friday 3 July 2009.

Aims: The aim of 'Meet a Metre' is to promote good science and the 2010 New Zealand International Science Festival. The project also gives young scientists a unique chance to connect to DOC scientists, and other experts.

The project will immerse students in a real and practical opportunity which, while simple, will teach them correct scientific methods and terminology.

The brief:

Students will:

1. Audit life forms (flora, fauna, fungi) within a metre section of their school grounds
2. Collate and present their findings
3. Formulate a plan to enhance the area
4. Create a new plan in response to feedback given by DOC experts
5. Monitor results

To register your school, contact the [project moderator](#).

Waste Minimisation Act 2008

The core principle of the Waste Minimisation Act 2008 is to encourage reduction of waste disposal in New Zealand/Aotearoa. The Act incorporates a legislative framework of tools and responsibilities for managing and reducing solid waste and is being implemented throughout New Zealand in 2009. In March a Waste Minimisation in New Zealand discussion paper was released seeking to identify:

- Changes to targets

- Product stewardship priorities for government
- Information required to monitor effectiveness of the waste levy and other waste minimization activities
- Criteria to assess applications for the Waste Minimisation Fund
- Specific details that affect the waste levy operation.

Although the public consultation meeting period is completed, written submissions can still be made until 5pm Friday 15th of May 2009. Information sheets are available on the mfe website, go to:

www.mfe.govt.nz/publications/waste

Source: MfE March 2009

Funding/Putea

BOC – Where There’s Water: community environmental grants

The next funding round will close 15 May 2009.

Grants are available to schools, community groups and other non-profit organisations, for environmental projects that have a water focus. These projects should have public benefit rather than private gain.

Applications will be assessed on how effectively they meet the objectives of the

Where There's Water Community Environmental Grants, which are as follows:

- Improve educational opportunities for children to learn about their water environment

- Improve community awareness of the condition and importance of the water environment
- Assist schools and the community to participate in real action to maintain, protect and improve their water environment

For more information:

www.waternz.org.nz/wherethereswater.html

Ngārimu VC and 28th (Māori) Battalion Memorial Scholarships

Enterprising, innovative and influential Māori are invited to submit an application for the 2009 Ngārimu VC and 28th (Māori) Battalion Memorial Scholarships.

A total of six scholarships are available made up of:

- Three Undergraduate Awards valued at \$10,000 each per year. Financial support is provided for up to five years depending on the term of study;
- One Masters Award valued at \$15,000 per year. Financial support is provided for up to two years of study;
- One Doctoral Scholarship valued at \$25,000 per year. Financial support is provided for up to two years of study; and
- One Manakura Scholarship valued at \$30,000. Financial assistance for one year.

The Ngārimu VC and 28th (Māori) Battalion Memorial Scholarship Fund Board are looking for applicants who meet the criteria and possess characteristics that are considered

consistent with those of the 28th Māori Battalion.

For more information go to:
<http://www.minedu.govt.nz>

Upcoming events/Ngā hui

Enviro-Mark@NZ Workshops: Introduction to EMS, Bronze, Silver and Gold 13th May, 2009 Auckland

This one-day workshop is perfect for anyone interested or involved in the implementation of an Environmental Management System (EMS). For more information [Click Here](#).

Enviro-Mark@NZ workshop: Platinum and Diamond 14th May 2009, Auckland

This half-day workshop is perfect for anyone wanting to further develop a simple and robust environmental management system (EMS); and move up through the Enviro-Mark@NZ steps.

Price: current Enviro-Mark@NZ Members - \$195 (plus GST); non Enviro-Mark@NZ Members - \$495 (plus GST). For more information [Click Here](#).

Past Climate Symposium and Australasian INTIMATE workshop 15th – 17th May 2009 Te Papa, Wellington

This meeting will outline the latest advances in understanding past climates in New Zealand and Australia, the causes and effects of climate change in the Southern Hemisphere and the relationships with global climate change.

www.paleoclimate.org.nz/pastclimates

Youth Week - 23rd – 31st May

[NZA AHD](#) invites you and your organisation to participate in Youth Week (May 23rd – 31st 2009). Youth Week's vision is to create a society where young people are valued and celebrated. In 2008, NZA AHD received over 200 registered events on the Youth Week website, had increased media coverage and distributed over 1,850 packs of Youth Week resources throughout Aotearoa. Keep up-to-date with all the latest Youth Week news for free by subscribing to Youth Week e-news online at www.youthweek.co.nz

World Environment Day - 05 June

www.4million.org.nz and www.mfe.govt.nz

Arbor Day - 05 June

www.tfsnz.org.nz

Worlds Oceans Day - 08 June

www.sirpeterblaketrust.org/environment/
www.theoceanproject.org/wod/wod_ideas.php

He Waka Eke Noa Conference 15-17th July 2009, Rotorua

This Kaupapa Maori conference is aimed at providing professional learning for Māori medium education settings, including kōhanga, wharekura, primary and secondary schools throughout Aotearoa.

Strands: [Click here to view strands](#)

Cost is \$395 + GST

For more information contact the programme coordinator: hemi.waerea@core-ed.net

Resources/Ngā rauemi

NIWA educational resources

www.niwa.co.nz

Ministry for the environment web links

The ministry provides a range of online resource links and curriculum-related learning material for environmental education

www.mfe.govt.nz/withyou/teachers/

Education for Sustainability

The teaching and learning materials posted on the Education for Sustainability website support the aims of EfS that are developed in the Guidelines for Environmental Education in New Zealand Schools (1999), published for the Ministry of education by Learning Media and currently being revised.

www.e4s.org.nz/efs/resources

Te Arotahi ki te Kai

Te reo Māori resource for kaiako wanting to encourage ākonga, tau 5–8, to think critically about food and what influences their food choices. This resource aligns with *Te Marautanga o Aotearoa* and is designed to support kaiako with planning units of learning around food and nutrition.

[He Kupu Whakataki](#) (PDF 664KB)

[Taumata 2](#) (PDF 1MB)

[Taumata 3](#) (PDF 749KB)

[Taumata 4](#) (PDF 730KB)

[Ngā Tohutoro](#) (PDF 167KB)

[Ngā ĀpitiHanga](#) (PDF 472KB)

www.tki.org.nz/e/community/health/

He aha tēnei pepeke?

Find information about New Zealand invertebrates in te reo Māori. This website also has pictures, and includes information on bugs with and without legs; slugs, snails, and worms; bites and stings; and control of pests.

www.landcareresearch.co.nz/research/biosystematics/invertebrates/invertid/index_ma.asp



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About NZAEE

The New Zealand Association for Environmental Education (NZAEE) was established in 1982 to promote and support environmental education.

Regional branches include; Northland, Auckland, Waikato, Bay of Plenty, Wellington, Christchurch and Southern.

NZAEE seeks to promote environmental education by:

- Providing an environmental education network;
- Supporting the inclusion of environmental education in policy and curricula;
- Supporting environmental education initiatives;
- Coordinating workshops and seminars on environmental education.

NZAEE newsletter

The newsletter of the New Zealand Association for Environmental Education is published a minimum of four times a year.

- Material may be copied with due acknowledgement.
- The views expressed in the newsletter are not necessarily those of the Association.
- Contributions to the newsletter are welcome. Intending contributors should forward material as word documents by e-mail or post to NZAEE.

The next issue of the newsletter will be in June. Intending contributors should forward a copy no later than 15 June 2009